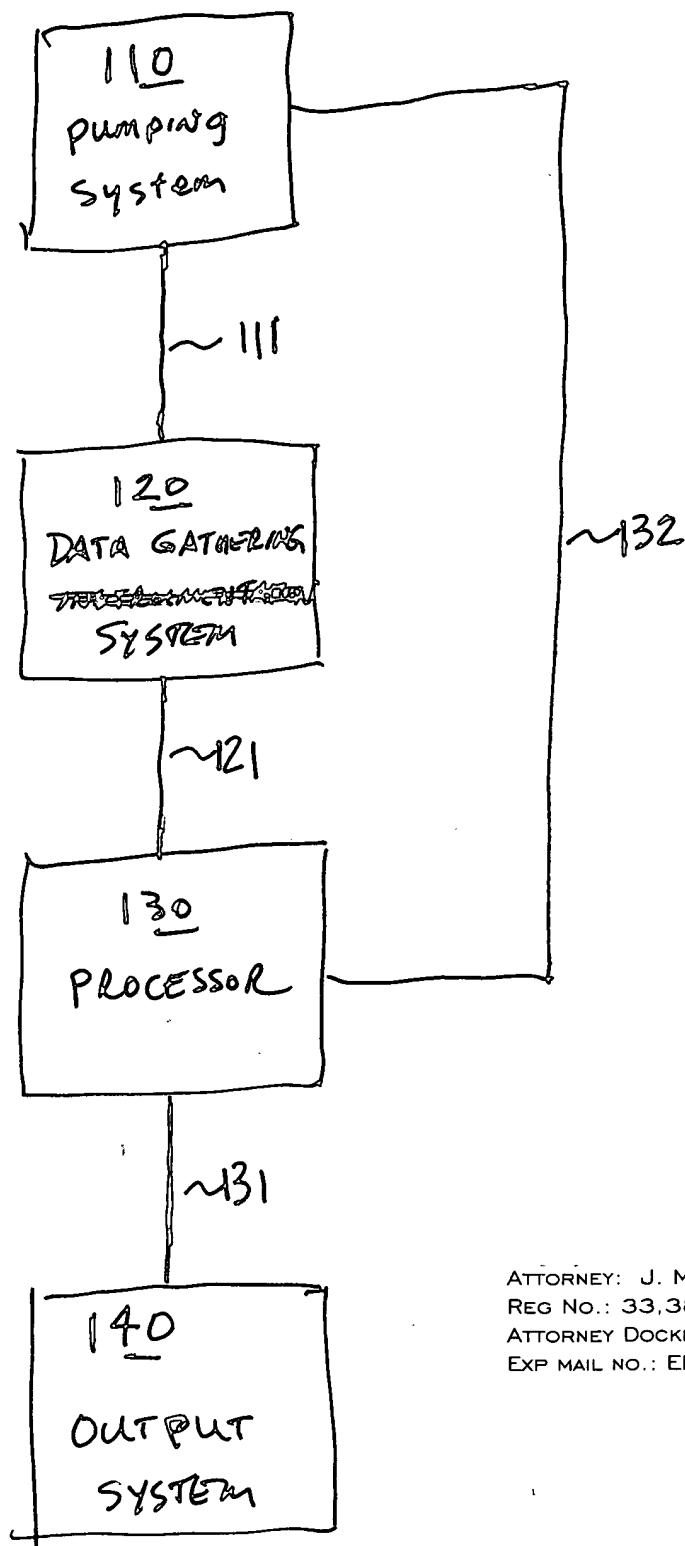


FIG. 1

100



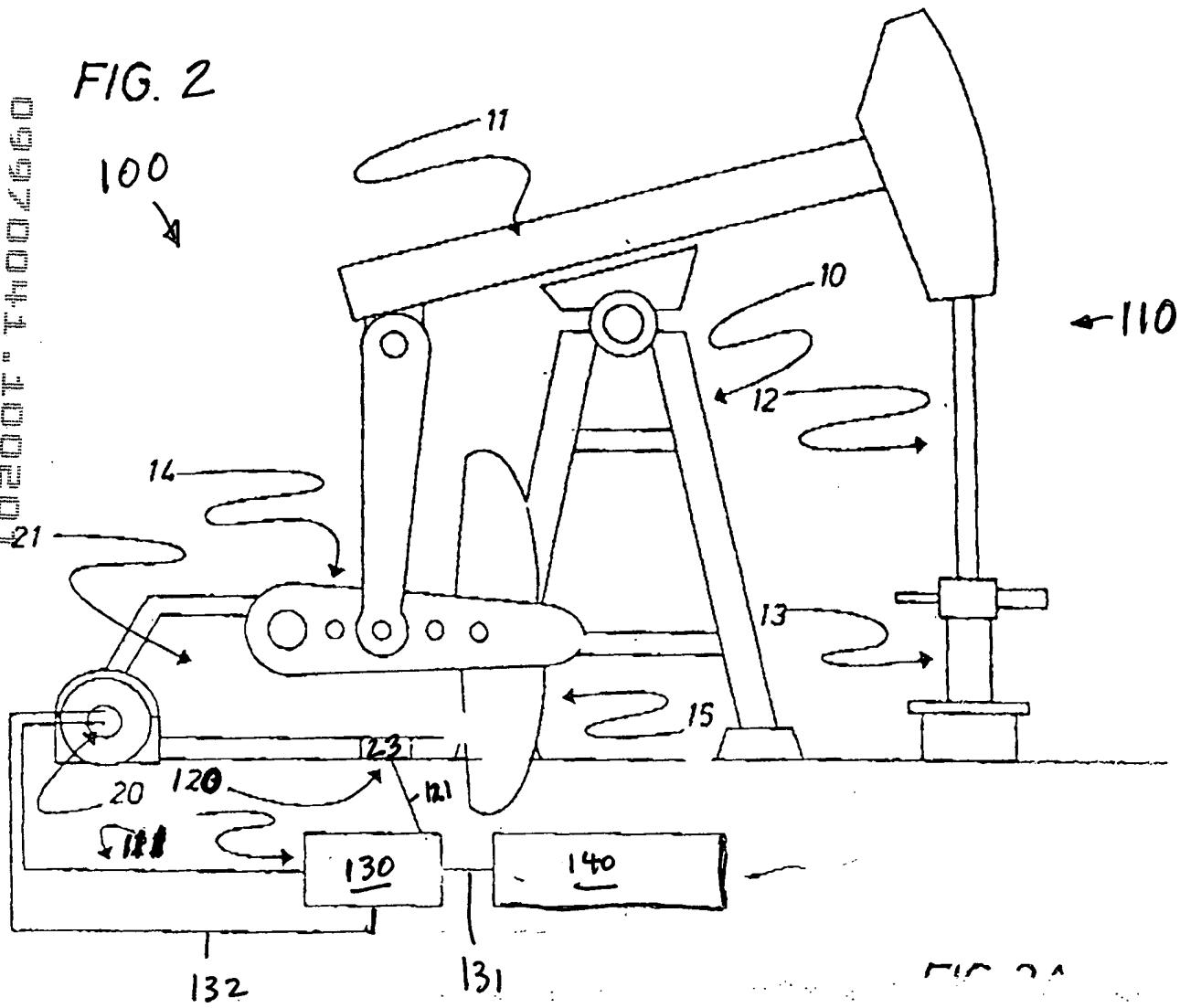
ATTORNEY: J. M. (MARK) GILBRETH
REG No.: 33,388
ATTORNEY DOCKET: 27170/02
EXP MAIL NO.: EL 872 048 336 US

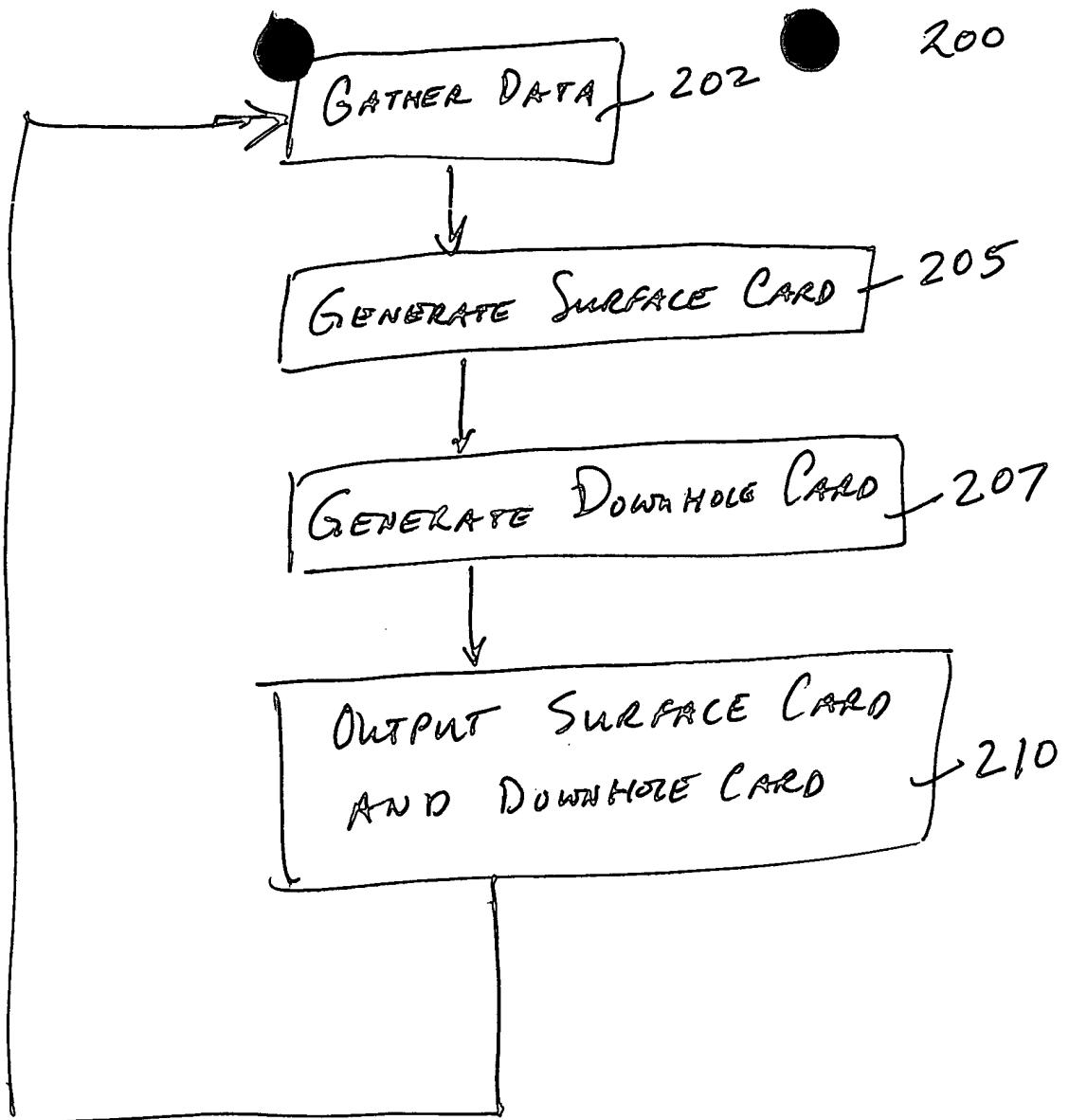
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FIG. 2





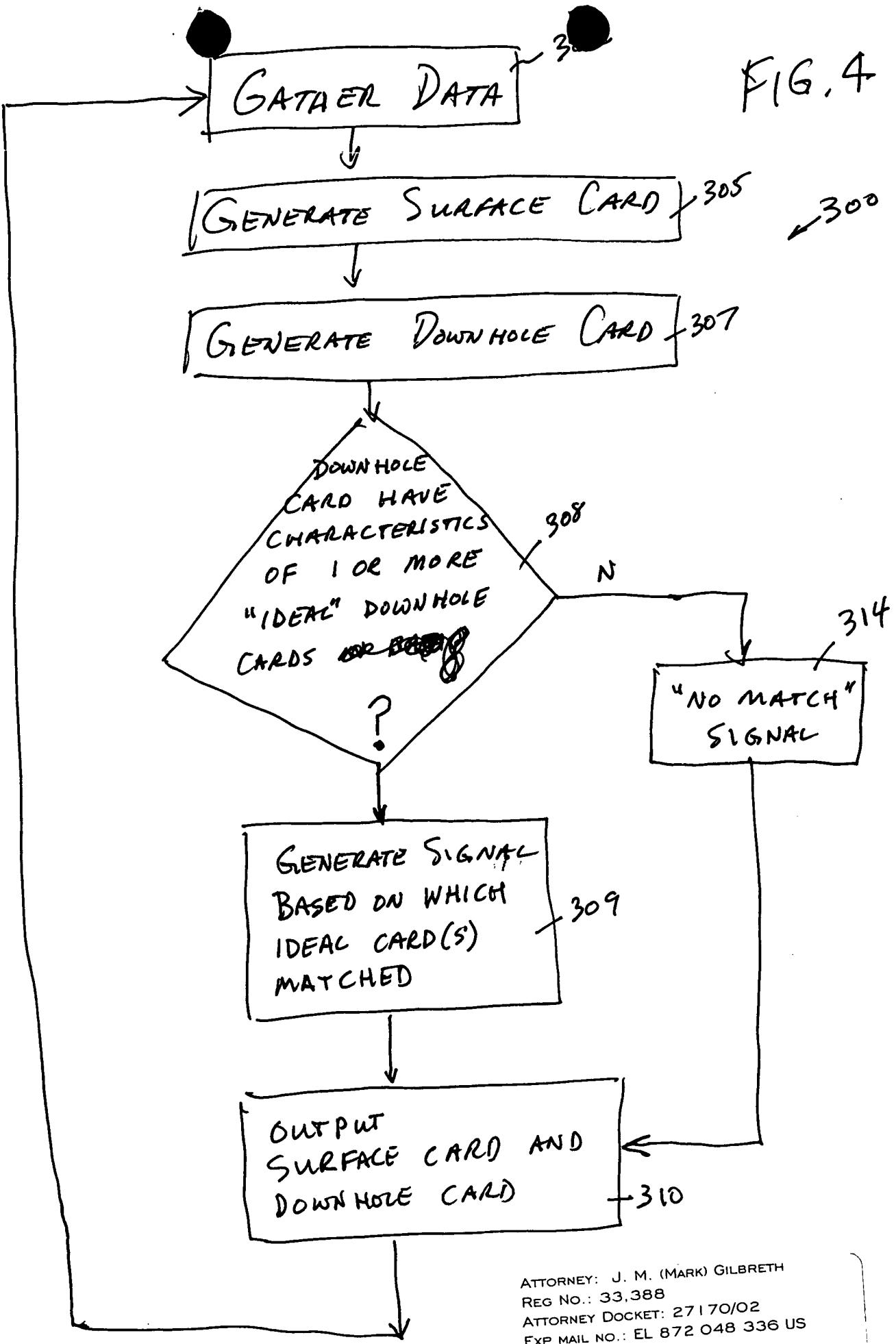
09570043 300204

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FIG. 3

FIG. 4



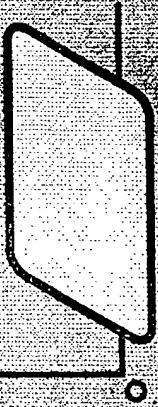
ATTORNEY: J. M. (MARK) GILBRETH
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ATTORNEY DOCKET: 27170/02
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FIG. 5A



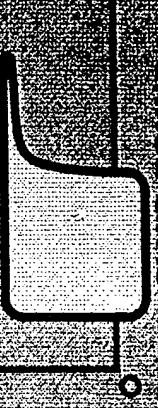
C. AS IN FIGURE

FIG. 5B



TUBING MOVEMENT

FIG. 5C



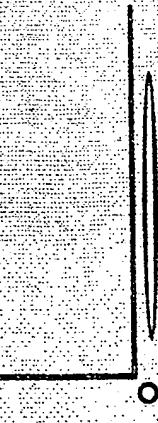
FLUID BOUND

FIG. 5D



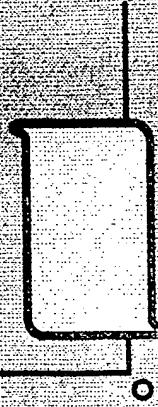
C. AS IN FIGURE

FIG. 5E



FLOWING WELL,
ROD PART,
INOPERATIVE PUMP

FIG. 5F



PUMP HITTING
UP OR DOWN

FIG. 5G



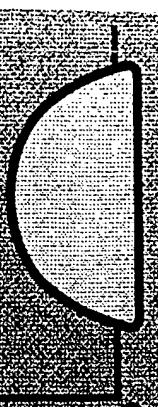
WORN PLUNGER OR
TRAVELING VALVE

FIG. 5H



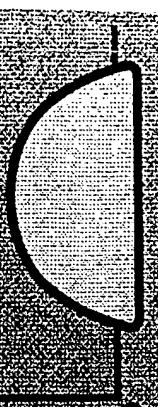
WORN BELL OR
STICKING PUMP

FIG. 5I



WORN OR
SPLIT BARREL

FIG. 5J



WORN
STANDING VALVE

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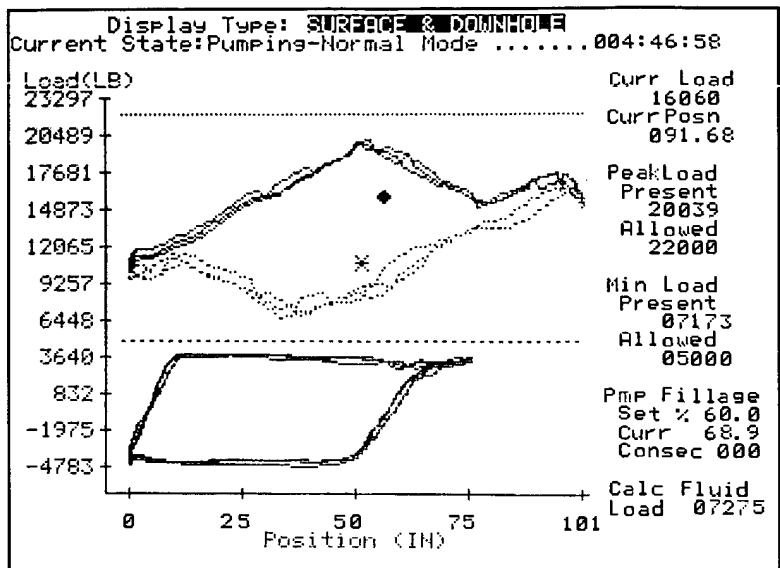


FIG. 6

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